Clarity MONITOR EQ248C

USER GUIDE

auria | EQD

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GETTING STARTED

Your Monitor is designed to work seamlessly with Windows devices that contain a HDMI, DVI, or VGA input.You also have a USB 2 in 1 Hub. It features a 24” LED/LCD backlit screen with 2560 x 1440 resolution.(Only through DVI,other input just up to 1920 x 1080).

In this user guide you will learn how to:

- Set up your monitor
- Connect your monitor to a computer
- Adjust your monitor’s settings

Important

Carefully read your monitor’s set-up instructions and safety guidelines on pages 24-26 before you set-up and use your display. To download the specifications for your monitor please visit www.eqdcorp.com

SET-UP YOUR MONITOR: STEP ONE

Check to make sure your packaging includes each of the following:

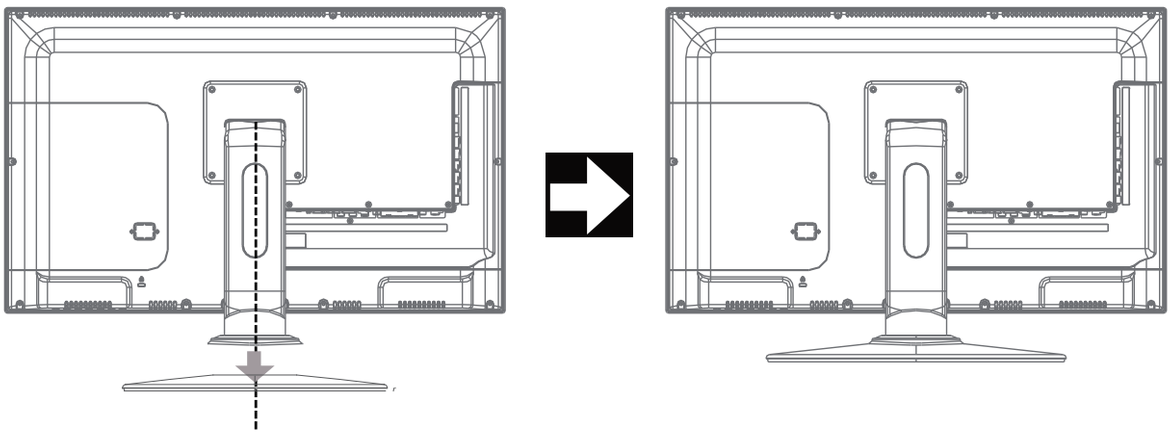
1. Monitor / Monitor base
2. Signal Cable (VGA cables)
3. Power cord
4. AC/DC Adapter

SET-UP YOUR MONITOR: STEP TWO

Connect your monitor to the base.

Unpack the monitor and attach the base. For snap-in models tools and fasteners are not required. If screws have been provided with your monitor please connect the base as follows:

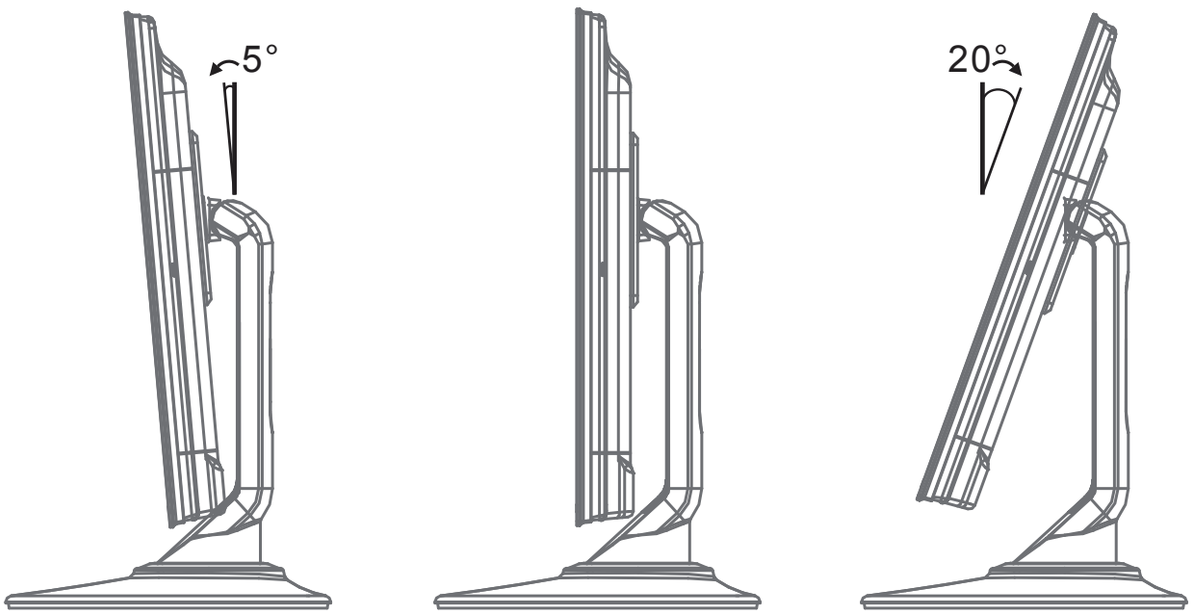
1. Cover an even stable surface with a soft cloth.
2. Place the LED/LCD Monitor unit face-down on the cloth,rotate and fit the stand onto th botton of the LED/LCD Monitor units as shown,until the stand is firmly fixed.



SET-UP YOUR MONITOR: STEP THREE

Follow these instructions to adjust your monitor's viewing angle:

Hold the base of the monitor with one hand (to keep the screen from shaking) Using your other hand, grab the side or top of the monitor and tilt the screen forward or backwards. You may adjust the angle of the display from 5° (forward) to 20° (back). Do not touch the actual screen when you adjust view angle of the monitor as this may cause damage or scratching.



SET-UP YOUR MONITOR: STEP FOUR

Connect your monitor to a power source.

1. Connect the output cable from the AC Power Adapter (“The Brick”) to the DC Power In connector (flat side of connector towards the cabinet rear) on the monitor.

2. Plug in the IEC Power Cord to the input side of The Brick and your 100/120V or 220/240V AC grounded power outlet using the provided power cord. NOTE: using the device with voltages other than those listed above may cause permanent damage to the monitor. It is strongly recommend that you use a power strip with a surge suppressor.

NOTE: It is suggested that you leave the AC Power Adapter (The Brick) plugged into 120 VAC source all of the time (do not use the switch on the power strip to turn the monitor On/Off). Please use the Power Button on the monitor to turn On/Off. When the monitor is off, the Brick goes into “stand-by” mode (burns 1 or 2 watts) and the Green LED remains lit.

CONNECT YOUR MONITOR TO YOUR COMPUTER OR DEVICE

Plug in the Cable connecting your desktop, laptop or other device to your monitor.

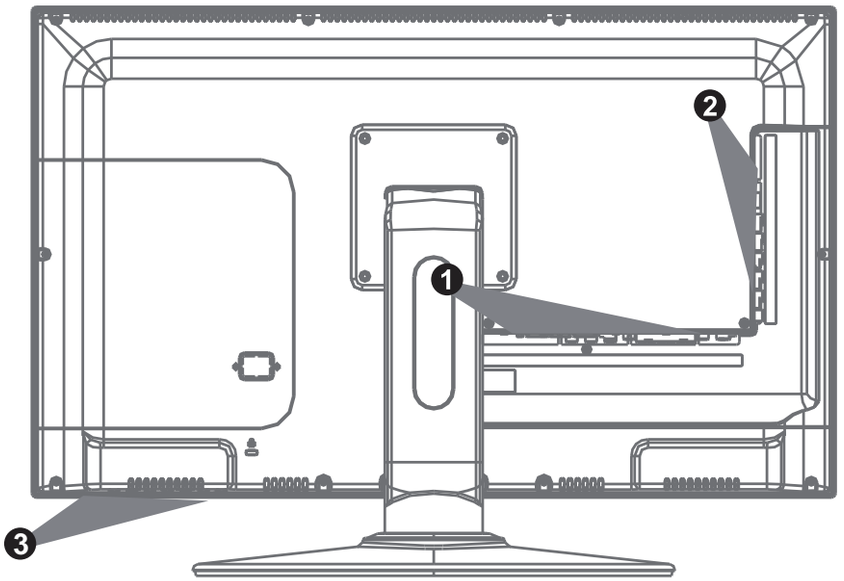
Notes:

- If you want to use for WQHD (2560 x 1440), only through DVI Port,VGA & HDMI just can support 1920 x 1080.
- If you are using the DVI or VGA video cable, be certain to tighten down the grounding screws on the connector (on both ends of the video cable).

Turn on the source device then turn on the monitor (push power button on the cabinet). For the best performance, use 1920 x 1080 (Full HD/WUXGA) graphics' mode (If supported by your graphics card).

Auria recommend using WQHD (2560 x 1440) just for photo viewing, video and game application,for office. Internet surfing application please use 1920 x 1080.

CONNECTING YOUR MONITOR: FOR YOUR REFERENCE



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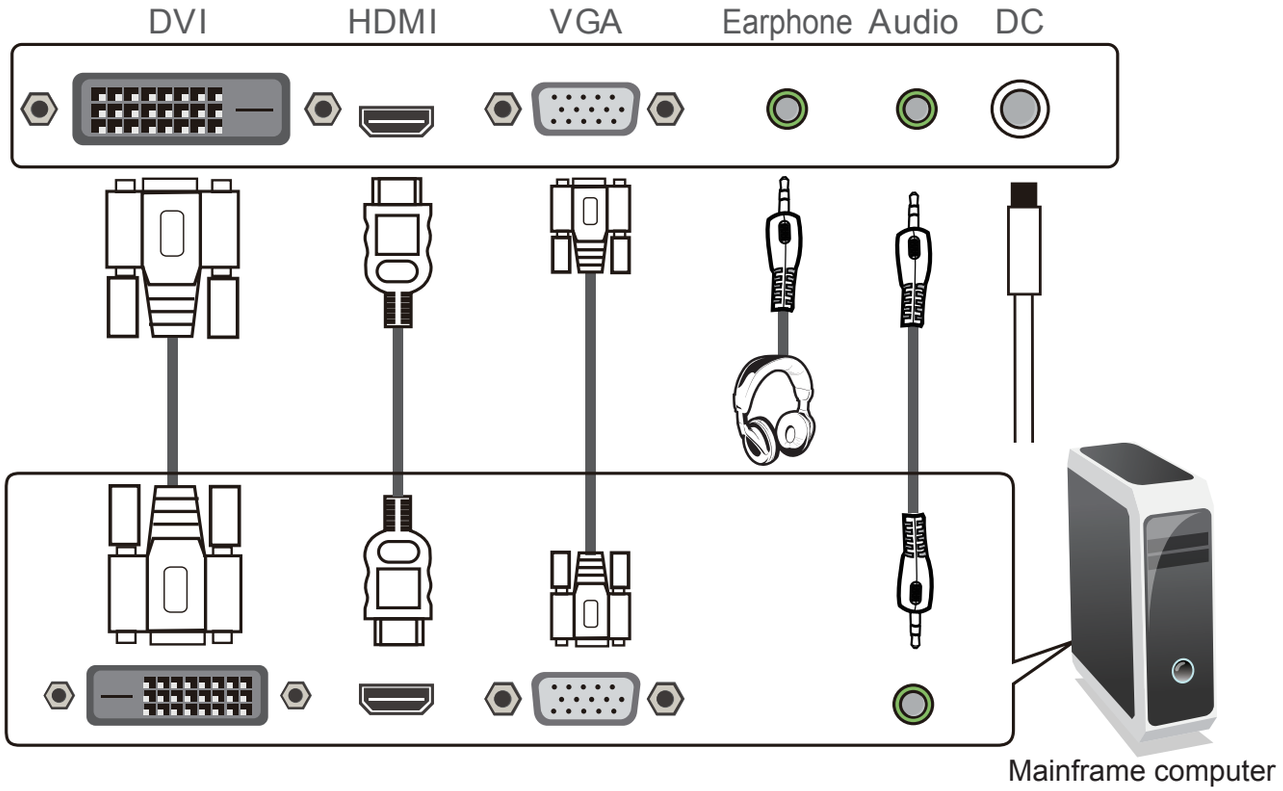
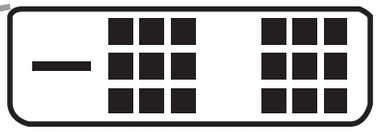
Port Connections (Left to Right)

- DVI
- HDMI
- VGA
- Earphone Out
- AUDIO IN
- DC (power)

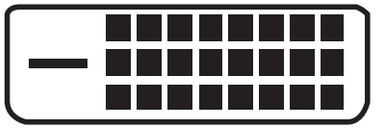


CONNECTING YOUR MONITOR: FOR YOUR REFERENCE

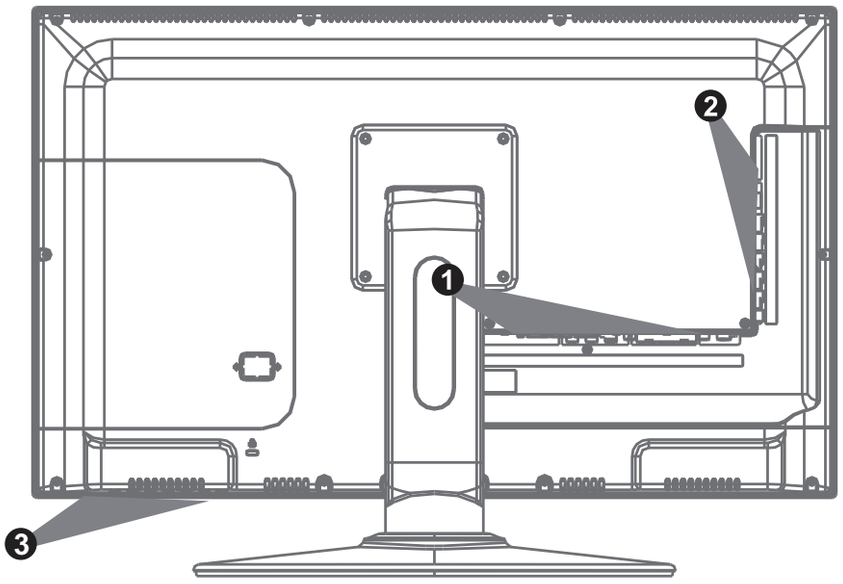
When using a DVI cable, make sure it is a dual link cable, as only a dual link cable will support 2560 x 1440 Resolution. If using a DVI to HDMI cable, the DVI end must be dual link.



DVI-D(Single Link)
18+1 needle DVI cable
support the resolution 1920 x 1080



DVI-D(Dual Link)
24+1 needle DVI cable
support the resolution 2560 x 1440

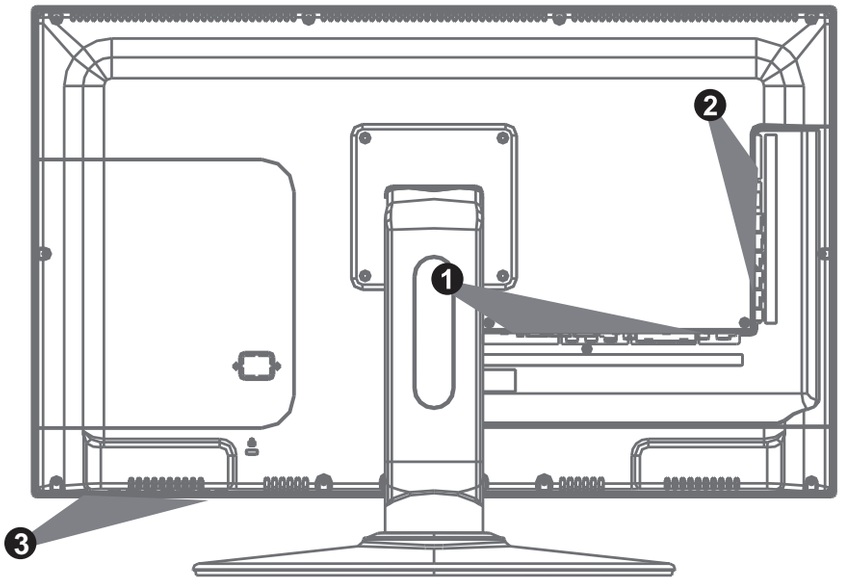


2 Port Connections (Down to Up)

- USB IN
- USB OUT1
- USB OUT1

USING YOUR MONITOR

Turn on your monitor by using the ON/OFF power key (located on the front, bottom edge). The power ON indicator LED should be lit. In the following section you will learn how to adjust your monitor's settings.



3 Keys (Left to Right)

- AUTO: Multi-purpose auto adjustment and menu exit key
- MENU Show main menu
- VOL + Increase the sound level by adjusting to the right
- VOL - Decrease the sound by adjusting to the left
- UP Navigate or select higher options
- DOWN Navigate or select lower options
- Power ON/OFF

OPERATOR INTERFACE

AUTO Key:

This key is an exit key (exit OSD menu) when OSD menu is active.

MENU Key（Menu/Select）:

Activate OSD menu or confirm function adjustment.

VOL-Volume control key:

1.Press this key to decrease volume.
2.Press this key to adjust the options to move left.

VOL+Volume control key:

1.Press this key to increase volume.
2.Press this key to adjust the options to move right.

UP KEY/ECO Adjustment Key:

When OSD menu is active, press this key to adjust the options move up.

OPERATOR INTERFACE

DOWN Key/DCR Adjustment Key:

When the OSD menu is active, press this key to adjust the options move down.

POWER:

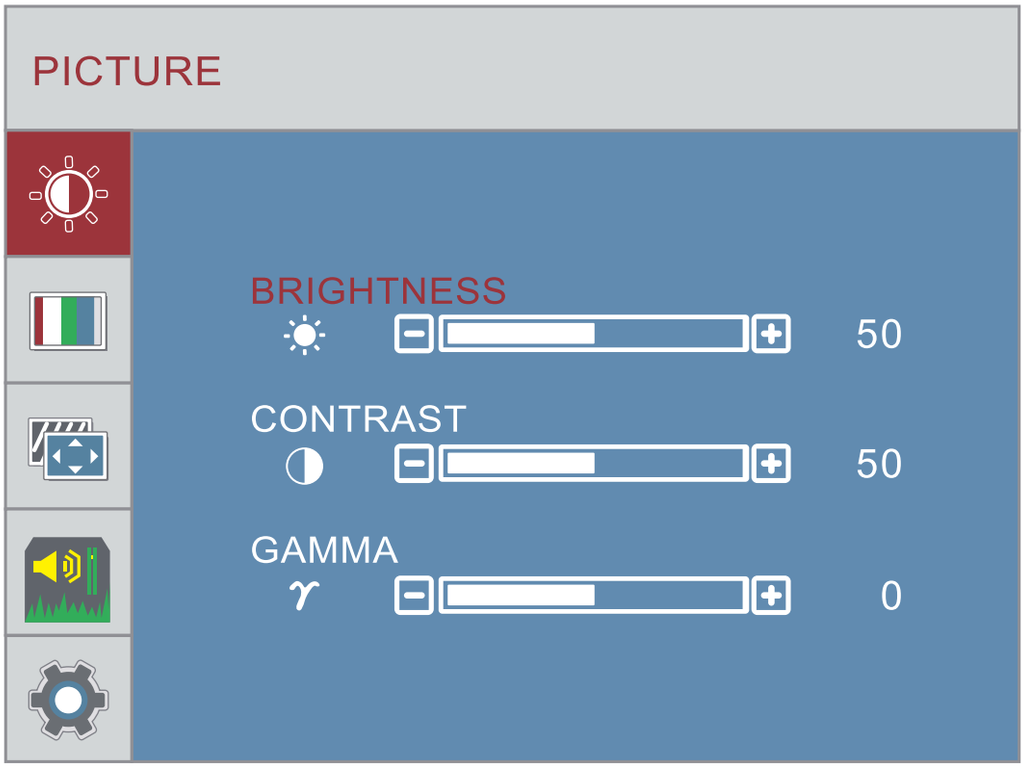
Green —Turn on
Red —on standby

ADJUST YOUR MONITOR'S SETTINGS

1. Press the "MENU" key to activate the OSD interface.
2. Use the "UP" or "DOWN" Keys to browse the main functions.
3. In order to select a function press the "MENU" key.
4. If the function you need has a sub-menu use the "UP" or "DOWN" keys to navigate it, then press "MENU" to select.
5. Press "UP" or "DOWN" to adjust the selected function.
6. Click the "AUTO" button to save and exit.

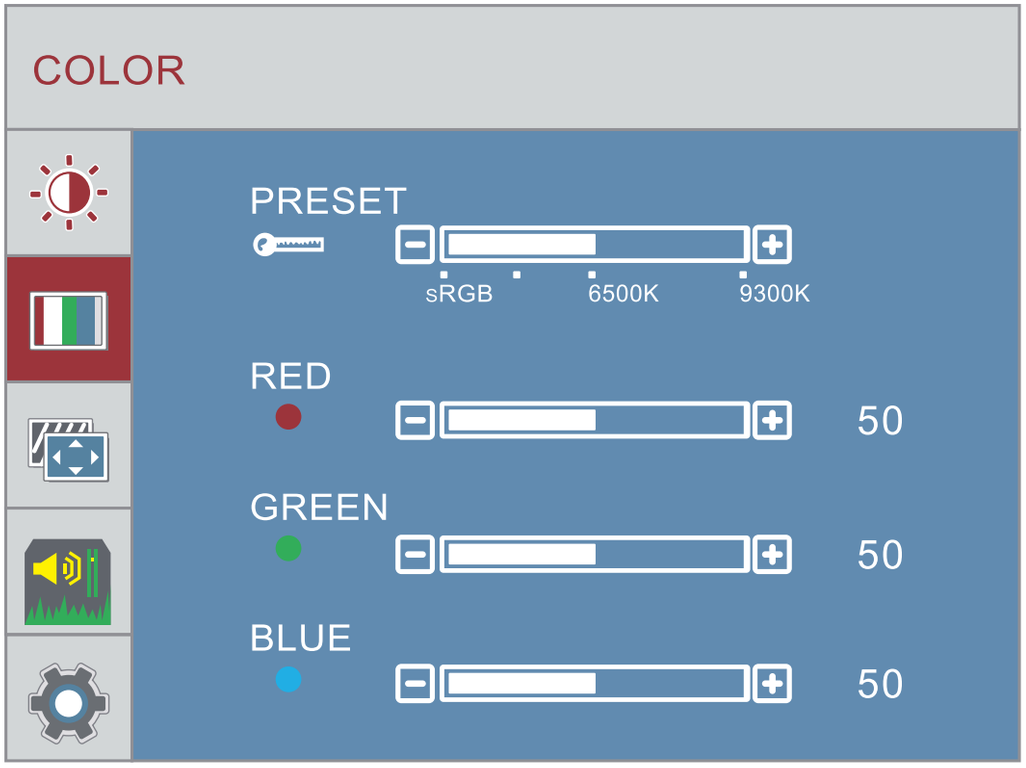
ADJUST PICTURE

1. Press the “MENU” key
2. Press the “UP/DOWN” buttons and browse to “PICTURE” in the main menu, then press “MENU” to select it.
3. Use the “UP/DOWN” keys to browse BRIGHTNESS, CONTRAST,GAMMA click “MENU” to select and adjust any of these.
4. Use the “VOL + / VOL -” keys to adjust the settings.
5. Click “MENU” to save and exit



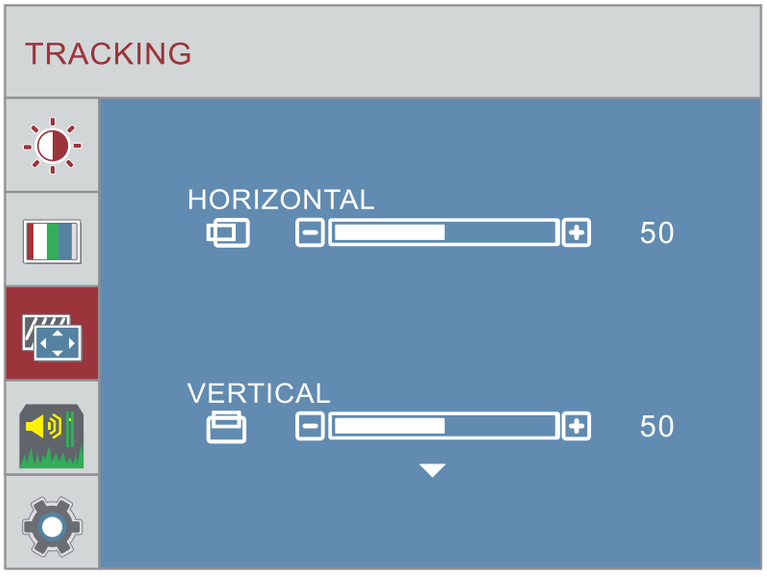
ADJUST COLOR

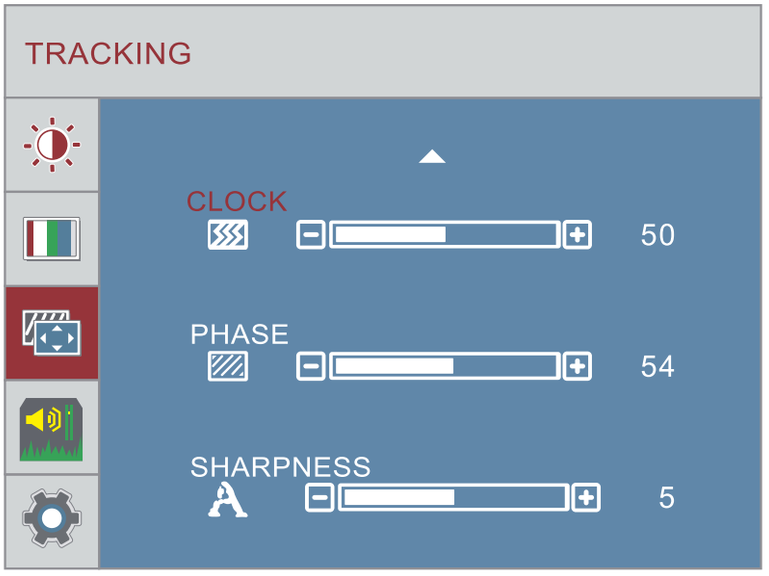
1. Press the “MENU” key
2. Press the “UP/DOWN” buttons and browse to “COLOR” in the main menu, then press “MENU” to select it.
3. Use the “UP/DOWN” keys to browse PRESET,RED,GREEN,BLUE click “MENU” to select and adjust any of these.
4. Use the “VOL + / VOL -” keys to adjust the settings.
5. Click “MENU” to save and exit



ADJUST TRACKING

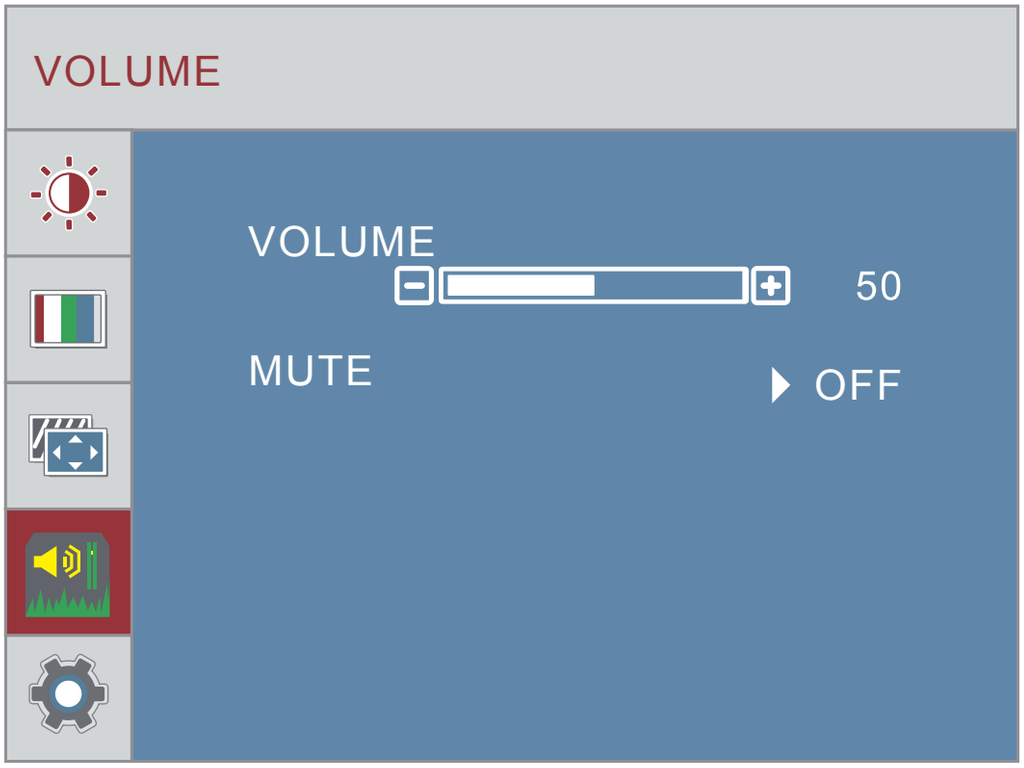
1. Press the “MENU” key
2. Press the “UP/DOWN” buttons and browse to “TRACKING” in the main menu, then press “MENU” to select it.
3. Use the “UP/DOWN” keys to browse HORIZONTAL,VERTICAL,CLOCK, PHASE,SHARPNESS click “MENU” to select and adjust any of these.
4. Use the “VOL + / VOL -” keys to adjust the settings.
5. Click “MENU” to save and exit





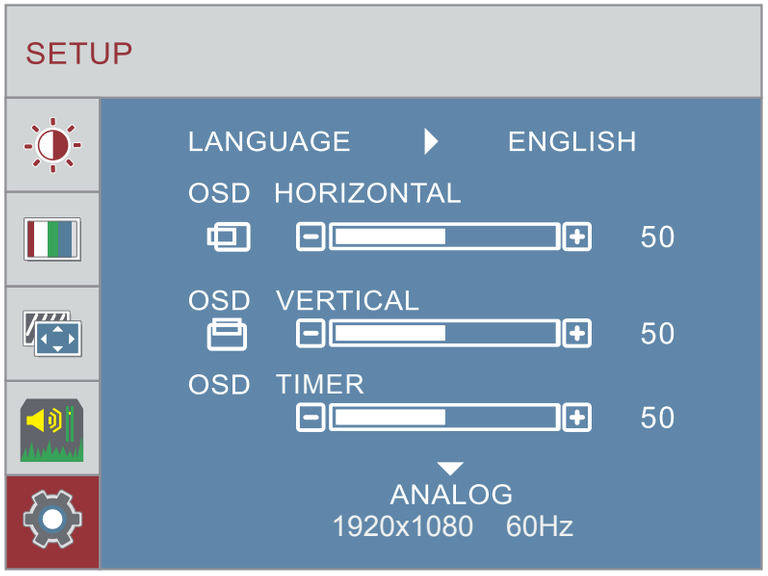
ADJUST VOLUME

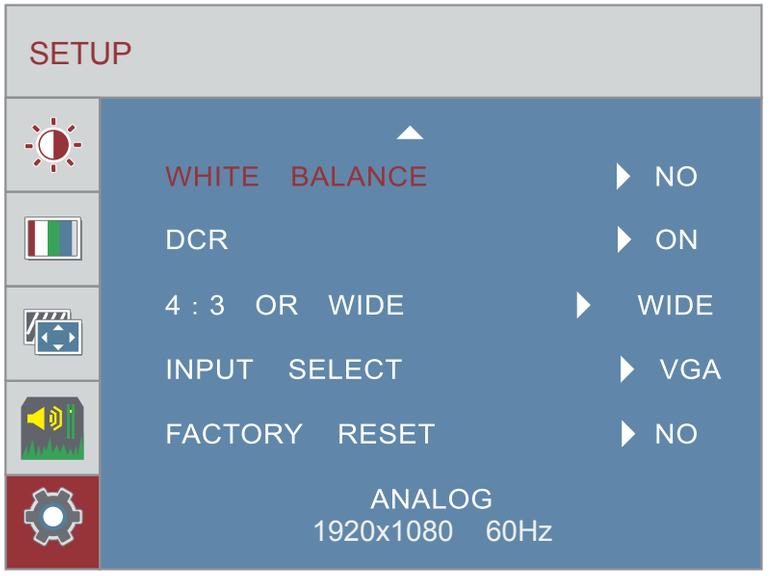
1. Press the “MENU” key
2. Press the “UP/DOWN” buttons and browse to “VOLUME” in the main menu, then press “MENU” to select it.
3. Use the “UP/DOWN” keys to browse VOLUME, MUTE click “MENU” to select and adjust any of these.
4. Use the “VOL + / VOL -” keys to adjust the settings.
5. Click “MENU” to save and exit



ADJUST SETUP

1. Press the “MENU” key
2. Press the “UP/DOWN” buttons and browse to “SETUP” in the main menu, then press “MENU” to select it.
3. Use the “UP/DOWN” keys to browse LANGUAGE,OSD HORIZONTAL, OSD VERTICAL,OSD TIMER, WHITE BALANCE, DCR,4:3 OR WIDE, INPUT SELECT,FACTORY RESET click “MENU” to select and adjust any of these.
4. Use the “VOL + / VOL -” keys to adjust the settings.
5. Click “MENU” to save and exit





TROUBLESHOOTING

Power pilot lamp is dim

Check to make sure the power is turned ON

Check to make sure the power cord is securely connected to both the monitor and the socket.

Picture looks faint

Adjust brightness or contrast ratio

Screen display distorted or picture becomes wavy

Possibly caused by electronic jamming due to nearby electrical equipment

Power pilot lamp is bright, but there is no image on the screen

- Confirm the computer power is ON
- Confirm the computer graphics card is inserted
- Confirm the computer signal cable is properly connected
- Check each pin on the monitor signal cable to make sure none are bent
- Press “Caps Lock” key on your keyboard to confirm the computer is in operation and not sleep mode.

Color loss (Red, Green, Blue)

Check each pin on the monitor signal cable to make sure none are bent.

TROUBLESHOOTING

Picture is not in the middle or incorrect size

Adjust CLOCK and FOCUS or hot keys (AUTO)

The images have color shading (white looks not pure white)

Adjust RGB color or choose new color temperature

Weak brightness and contrast

Monitor brightness may be reduced due to over use. The monitor may need service. Please send monitor to authorized service organization for repair.

Picture displays horizontal or vertical interference

Close Win95/98/2000 / ME/XP, adjust CLOCK and FOCUS or press hot keys (AUTO key)

The Clock controls the quantity of scanned pixel at each line. If the frequency is not correct, vertical stripes may appear on screen, and appear incorrect screen width. FOCUS adjust phase of Point frequency signal, a wrong phase adjustment will cause picture appear horizontal interference. Use “dot-pattern” or Win95/98/2000/ME/XP shutdown pattern to adjust CLOCK and FOCUS.

SPECIFICATIONS

Panel

Display Equipment	Panel (LED/LCD backlight)
Dimensions	24”
Dot Pitch (mm)	0.233 x 0.233
Panel Resolution	1920 x 1080
Clarity Resolution	2560 x 1440 (Just through DVI)

Input Signal

VGA	D-Sub 15 pin Connector
DVI	DVI-D Connector
HDMI	HDMI Connector

Frequency

HFR (Horizontal Frequency)	30KHz 88.7KHz
VFR (Vertical Frequency)	60Hz
Pixel Clock Frequency	241.5MHz
PNP (Plug and Play)	VESA DDC2B

Power Consumption

Operation	< 36W
Standby	≤ 1W

SPECIFICATIONS

Power Equipment	12V 3A AC Adapter: 100-240V,50-60Hz
Ambient Temperature Humidity	Operating temperature:0~50°C Storage temperature:-20~60°C Operation relative humidity: 10~85%
Dimensions (mm)	640(L) x 150(W) x 470(H) mm
Weight (Net)	4.2Kg

PRESET DISPLAY MODES

	Resolution	HFR(KHz)	VFR(Hz)
DOS Mode	720 x 400	31.469	70
VGA	640 x 480	31.469	60
	640 x 480	37.861	72
	640 x 480	37.500	75
SVGA	800 x 600	37.879	60
	800 x 600	47.20	72
	800 x 600	46.875	75
XGA	1024 x 768	48.363	60
	1024 x 768	56.476	70
	1024 x 768	60.023	75
SXGA	1280 x 1024	63.981	60
	1280 x 1024	79.976	75
WXGA+	1440 x 900	55.674	60
WSXGA+	1680 x 1050	59.80	60

PRESET DISPLAY MODES

	Resolution	HFR(KHz)	VFR(Hz)
Full HD	1920 x 1080	67.50	60
WQHD	2560 x 1440	88.70	30

* WQHD (2560x1440) 30Hz only for DVI Port

CARE & SAFETY

Attention:

Any unauthorized modifications or changes may cause the monitor to not work properly. The manufacturer is not responsible for radio or image interference caused by unapproved modifications. Users should solve interference issues by themselves.

Warning:

To prevent fire hazards or explosions, do not expose the monitor to rain or humid environments. Please do not open the monitor's back cover or you may be exposed to high voltage current. Contact professional personnel for maintenance.

CARE & SAFETY

Usage

It is normal for your monitor to “blink” the first time you use it. If this occurs simply turn your monitor off, then on again. The effective screen pixels of your monitor should read 99.99% or more, pixel or brightness loss should be less than 0.01%. During normal usage your monitor should not have pixel residue. However, when the same static picture is showed a long time before changing the image, the previous image may remain, which is called “the shadow”. The best way to avoid this “shadow” is when you are not operating your PC or computer system, run monochrome or dynamic images as a screen saver, or turn off monitor power 2 hours at every 12 hours. When the screen is black, blinking, etc., Please contact the dealer or authorized service center to replace related parts. Do not attempt to fix the monitor yourself.

Environments

Keep your monitor away from water sources, such as the bathroom, dishwasher, kitchen, washing machine, swimming pools or humid basements. Also avoid placing your monitor near direct heat such as heaters, hot air pipes or under direct sunshine. Also avoid unstable surfaces or places with excess dust or vibration. If your monitor is fixed on the wall or shelf, installation should be confirmed by a professional installer. The long, narrow holes in the upper and bottom part of the monitor back cover are for ventilation. These holes must be kept clear at all times to prevent overheating.

CARE & SAFETY

Cleaning & transport

Keep the original box and other packing material in the event that you need to ship your monitor. To clean your monitor use a soft, dry cloth and only cleaners intended for use with a screen or display. Cleaners with alcohol or acetone will damage your screen. Any marks on the monitor should be cleaned gently so as to prevent damage. For your safety, please un-plug power cord before cleaning.

Power

For safety purposes, your monitor may only be used with a power supply voltage range of 100 ~ 240V AC (current at least 3 A) .If you can't confirm the supply voltage, you can consult your reseller or the local power company. This monitor is equipped with a three-wire grounding plug, one end grounded. For safety, the plug should be inserted only into grounded power outlets. If you can't insert the plug into a three-phase socket, please find an electrician to install one or use an adapter to ground the equipment safely. When the display is not used for a long period of time unplug it to cut off the power supply. Such action can prevent electrical shock, fire or abnormal power voltage due to events like thunderstorms. Do not open your monitor's shell or place foreign material inside the shell as this may cause fire or electrical shock.

Warranty Statement

For AURIA LED/LCD Monitor - EQ248C
Including those Sold within North America
AURIA warrants this product to be free from defects in material and workmanship for a period of twelve months after the original date of consumer purchase. During this period, Auria will, at its option, either repair the defective product with new or rebuilt parts, or replace it with a new or rebuilt product at no charge except as *stated below. The parts or products that are replaced become the property of Auria. In the USA to obtain service under this limited warranty, call Auria for the name of the Authorized Service Center (ASC). Deliver the product freight pre-paid, along with the dated proof of purchase, to the Auria ASC.

- Pack it in its original shipping container (or equivalent)
- Put the RMA number on the address label
- Put the RMA number on the shipping carton
- Insure it (or assume the risk of loss/damage during shipment)
- Pay all shipping charges

Auria is not responsible for damage to inbound product that was not properly packaged.
Auria will pay for the return shipment charges with in the USA and is responsible for any costs across any international borders. In the USA or Canada, please contact your local dealer or call Auria customer service at (877)375-1065.
If the unit is found not to be defective, the unit will be shipped back at the owner's expense.

This limited warranty does not cover any losses or damages that occur as a result of:

- Shipping or improper installation or maintenance
- Misuse
- Neglect
- Adjustment by non-authorized sources
- Any cause other than ordinary usage
- Repair, modification, installation of options or parts by anyone other than an Auria ASC
- Improper environment
- Excessive or inadequate heating or air conditioning or electrical power failures, surges, or irregularities

This one year warranty does not cover any of the products firmware or hardware that you or any third party have modified or altered; you bear the sole responsibility and liability for any such modification or alteration.

ALL EXPRESSED AND IMPLIED WARRANTIES FOR THIS PRODUCT (INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO A PERIOD OF ONE (1) YEARS FOR PARTS AND LABOR FROM THE ORIGINAL DATE OF CONSUMER PURCHASE. NO WARRANTIES(EITHER EXPRESSED OR IMPLIED) APPLY AFTER THIS PERIOD. IN THE UNITED STATES OF AMERICA, SOME STATES DONOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

AURIA OBLIGATIONS AND YOUR REMEDIES HEREUNDER ARE SOLELY AND EXCLUSIVELY AS

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